

# Converting Colors

YUV(125.2470, -24.2788,  
87.4834)

Have a look what the booklet for  
YUV(125.2470, -24.2788, 87.4834)  
contains.

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# Color

**YUV(125.2470, -24.2788,  
87.4834)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1544C
RGB	225, 84, 76
RGB Percent	88%, 33%, 30%
CMY	0.1176, 0.6706, 0.7020
CMYK	0.00, 0.63, 0.66, 0.12
HSL	3°, 71%, 59%
HSV	3°, 66%, 88%
XYZ	35.5262, 22.8700, 9.3794
YIQ	125.2470, 86.6040, 27.4040

# Conversions

## Conversions Part 2

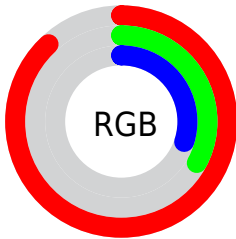
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 84, 76
Decimal	14767180
CIE <sub>Lab</sub>	54.94, 54.40, 33.98
CIE <sub>LCh</sub>	55, 64.141, 31.989
Yxy	22.8700, 0.5242, 0.3374
Android (android.graphics.Color)	4292957260 (0xFFE1544C)
YUV	125.2470, -24.2788, 87.4834
Hunter-Lab	47.8226, 48.9135, 21.8473

# Details

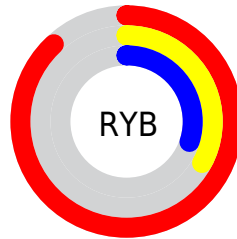
The YUV color **125.2470, -24.2788, 87.4834** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **175.7530, 24.2788, -87.4834**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0880, -23.2144, 72.7138**, and **65.1850, -16.8532, 85.7838** is the 20% darker color. If you saturate the color by 10%, you get **110.4120, -27.8111, 100.4937**, and if you desaturate by 10%, it is **140.1960, -20.3096, 74.3731**.

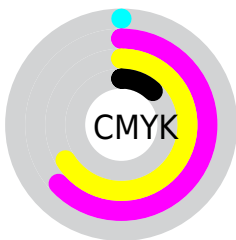
# Distribution



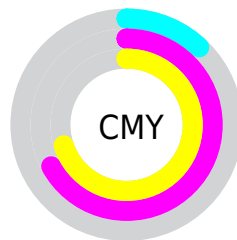
- Red (88%)
- Green (33%)
- Blue (30%)



- Red (88%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (63%)
- Yellow (66%)
- Black (12%)



- Cyan (12%)
- Magenta (67%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.2470, -24.2788, 87.4834 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 125.2470, -24.2788, 87.4834 by changing the saturation by 10% instead.




 125.2470,  
-24.2788, 87.4834


 125.2470,  
-24.2788, 87.4834


255.0000, 0.0000,  
0.0000


 96.9200, -21.6526,  
85.1392


 172.0880,  
-23.2144, 72.7138


 65.1850, -16.8532,  
85.7838


 191.4880,  
-19.9606, 55.7000


 40.6080, -15.0897,  
80.1508


 211.5890,  
-16.5594, 38.0714

 30.4980, -15.0355,  
62.7073

 231.8040,  
-12.7214, 20.3429

 21.9410, -10.3239,  
44.7787

 252.0190, -8.8834,  
2.6143

 13.5690, -6.1965,  
27.5650

 0.0000, 0.0000,

0.0000

■ 125.2470,  
-24.2788, 87.4834

■ 125.2470,  
-24.2788, 87.4834

■ 110.4120,  
-27.8111, 100.4937

■ 140.1960,  
-20.3096, 74.3731

■ 94.8760, -31.4909,  
114.1187

■ 155.6180,  
-17.0667, 60.8480

■ 80.0410, -35.0232,  
127.1290

■ 170.5670,  
-13.0975, 47.7377

■ 74.3190, -36.6393,  
132.1472

■ 185.4020, -9.5652,  
34.7274

■ 200.3510, -5.5960,  
21.6172

■ 215.7730, -2.3531,  
8.0921

■ 230.7220, 1.6161,  
-5.0182

■ 245.4430, 4.7116,  
-17.9285

■ 246.0300, 4.4222,  
-18.4433

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



125.8430, 2.0494, 89.5917



125.2470, -24.2788, 87.4834



125.5620, -49.0841, 63.5281

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125.2470, -24.2788, 87.4834



98.4750, -11.0802, -86.3626



108.1210, 66.4953, -94.8221

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125.2470, -24.2788, 87.4834



175.7530, 24.2788, -87.4834

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.1560, 56.6181, -100.1148



125.2470, -24.2788, 87.4834



107.4350, 13.0965, -94.2205

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125.2470, -24.2788, 87.4834



116.6970, -47.6716, -16.3973



113.1180, 37.4098, -99.2045



133.3350, 45.6838, 0.5832



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125.2470, -24.2788, 87.4834



123.6180, -60.9437, 40.6770



113.1180, 37.4098, -99.2045



110.9420, 64.6116, -97.2961

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125.2470, -24.2788, 87.4834



221.0100, -8.3859, 29.8092



136.7390, 40.0617, 77.4049



107.4430, -5.1484, 18.0285



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.2470, -24.2788, 87.4834



119.9690, -32.5227, 118.4222



168.6850, -45.6937, 49.3883



104.8760, -1.9109, 6.2477



57.9070, -28.5482, 103.5676



16.1130, -7.9437, 27.9649



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



175.7530, 24.2788, -87.4834



188.4440, 32.8121, -117.9074



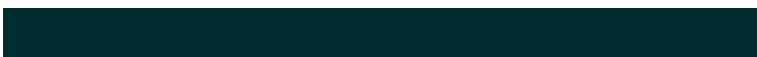
132.3150, 45.6937, -49.3883



108.7110, 1.6215, -6.7625



118.0930, 28.5482, -103.5676



32.4740, 7.6543, -28.4797



# Previews

## White Background



This preview shows how the YUV color 125.2470, -24.2788, 87.4834 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 125.2470, -24.2788, 87.4834 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 125.2470, -24.2788, 87.4834 Background



This preview shows how black text looks on a background with the YUV color 125.2470, -24.2788, 87.4834.



This preview shows how white text looks on a background with the YUV color 125.2470, -24.2788, 87.4834.

87.4834.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

125.2470, -24.2788, 87.4834

### Protanopia

130.6580, -18.0724, 9.9469

### Deuteranopia

130.1520, -30.6409, 27.9307



## Tritanopia

125.6260, -19.0426, 88.0280

# Trichromacy



## Original Color

125.2470, -24.2788, 87.4834

## Protanomaly

128.8510, -20.6325, 37.8417

## Deuteranomaly

128.5660, -28.3800, 49.4926

## Tritanomaly

125.7570, -21.0792, 87.9131

# Monochromacy



## Original Color

125.2470, -24.2788, 87.4834

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9070, -8.8282, 31.6536

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.2470, -24.2788, 87.4834 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 84, 76)` looks like.

```
.text, #text, p{  
    color:rgb(225, 84, 76)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 84, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 84, 76) }
```

## Border

The CSS property to change the border of an element to YUV 125.2470, -24.2788, 87.4834 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 84, 76) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 84, 76) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 84, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 84, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 84, 76);  
box-shadow:4px 4px 4px 4px rgb(225, 84,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 125.2470, -24.2788, 87.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 84, 76) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225, 84,  
76) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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